Title (en)

Mixed-mode interaction

Title (de)

Interaktion mit gemischter Betriebsart

Title (fr)

Interaction en mode mixte

Publication

EP 1308018 A1 20030507 (EN)

Application

EP 00982125 A 20001115

Priority

- US 0031382 W 20001115
- US 21799700 P 20000713
- US 69277500 A 20001016

Abstract (en)

[origin: WO03019905A1] A user of a wireless device, such as a mobile phone, can make purchases or obtain information via a network, such as the Internet, using both voice and non-verbal methods. Users can submit voice queries and receive non-verbal replies, submit non-verbal queries and receive voice replies, or perform similar operations that marry the voice and data capabilities of modern mobile communication devices. The user may provide notification criteria indicating under what conditions a notification should be sent to the user's wireless device. When purchasing opportunities matching the selected notification criteria become available, the user is notified. The user an respond to the notification, and immediately take advantage of the purchasing opportunity if he so desires. Mixed-mode interactions can also be used by sellers to more advantageously control the marketing of distressed, time sensitive, or other merchandise/services.

IPC 1-7

H04L 29/08; G06F 17/30; H04M 3/493

IPC 8 full level

G06Q 20/04 (2012.01); **G06Q 20/12** (2012.01); **H04M 1/7243** (2021.01); **G06Q 20/32** (2012.01); **G06Q 20/38** (2012.01); **G06Q 20/40** (2012.01); **G06Q 30/02** (2012.01); **G06Q 30/06** (2012.01); **H04L 29/06** (2006.01); **H04L 29/08** (2006.01); **H04M 1/72445** (2021.01); **H04M 3/493** (2006.01); **H04W 4/12** (2009.01); H04W 4/18 (2009.01); H04W 88/18 (2009.01)

IPC 8 main group level

G06F (2006.01)

CPC (source: EP US)

G06Q 20/02 (2013.01 - US); **G06Q 20/04** (2013.01 - EP US); **G06Q 20/12** (2013.01 - EP US); **G06Q 20/322** (2013.01 - EP US); **G06Q 20/326** (2020.05 - EP US); **G06Q 20/3272** (2013.01 - EP US); **G06Q 20/36** (2013.01 - US); **G06Q 20/385** (2013.01 - EP US); **G06Q 20/4014** (2013.01 - EP US); **G06Q 30/02** (2013.01 - EP US); **G06Q 30/0261** (2013.01 - EP US); **G06Q 30/0267** (2013.01 - EP US); **G06Q 30/06** (2013.01 - EP US); **H04L 67/02** (2013.01 - EP US); **H04L 67/04** (2013.01 - EP US); **H04M 1/7243** (2021.01 - EP US); **H04M 1/72445** (2021.01 - EP US); **H04M 3/4938** (2013.01 - EP US); **H04W 4/02** (2013.01 - EP US); **H04W 4/029** (2018.02 - US); **H04W 4/12** (2013.01 - EP US); G10L 15/22 (2013.01 - EP US); H04M 2203/105 (2013.01 - EP US); H04M 2203/353 (2013.01 - EP US); H04M 2207/18 (2013.01 - EP US); H04M 2250/74 (2013.01 - EP US); H04W 4/18 (2013.01 - EP US); H04W 88/184 (2013.01 - EP US)

Citation (search report)

- [X] WO 0028455 A1 20000518 - AC PROPERTIES BV [NL], et al
- [X] EP 0856812 A2 19980805 - SYMBOL TECHNOLOGIES INC [US]
- [X] WO 0034886 A1 20000615 - PRICELINE COM INC [US]
- See also references of WO 03019905A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

WO 03019905 A1 20030306; AT E352941 T1 20070215; AU 1919501 A 20030310; AU 784816 B2 20060629; BR 0017262 A 20040210; CA 2432194 A1 20030306; CA 2432194 C 20080205; CN 1496645 A 20040512; CZ 2003431 A3 20030917; DE 60033193 D1 20070315; EP 1308018 A1 20030507; EP 1308018 B1 20070124; EP 1770963 A2 20070404; EP 1770963 A3 20070620; EP 2271056 A1 20110105; HU P0302883 A2 20031229; HU P0302883 A3 20041228; IL 153914 A0 20030731; KR 100689351 B1 20070302; KR 20030045774 A 20030611; MA 25952 A1 20031231; MX PA03000404 A 20041025; NO 20030169 D0 20030113; NZ 524129 A 20060831; PL 364925 A1 20041227; RU 2273106 C2 20060327; SK 1802003 A3 20031202; US 10362160 B2 20190723; US 2006003780 A1 20060105; US 2008032720 A1 20080207; US 2008052081 A1 20080228; US 2012253820 A1 20121004; US 2014244394 A1 20140828; US 2017099378 A1 20170406; US 2018295226 A1 20181011; US 6925307 B1 20050802; US 7706819 B2 20100427; US 8055285 B2 20111108; US 8620364 B2 20131231; US 9390435 B2 20160712; US 9888107 B2 20180206

DOCDB simple family (application)

US 0031382 W 20001115; AT 00982125 T 20001115; AU 1919501 A 20001115; BR 0017262 A 20001115; CA 2432194 A 20001115; CN 00819886 A 20001115; CZ 2003431 A 20001115; DE 60033193 T 20001115; EP 00982125 A 20001115; EP 07001296 A 20001115; EP 10180417 A 20001115; HU P0302883 A 20001115; IL 15391400 A 20001115; KR 20037000516 A 20030113; MA 27039 A 20030214; MX PA03000404 A 20001115; NO 20030169 A 20030113; NZ 52412900 A 20001115; PL 36492500 A 20001115; RU 2003104527 A 20001115; SK 1802003 A 20001115; US 17938605 A 20050712; US 201113290115 A 20111106; US 201314142980 A 20131230; US 201615206621 A 20160711; US 201815888320 A 20180205; US 69277500 A 20001016; US 80384807 A 20070516; US 92836207 A 20071030